



# भारत का राजपत्र

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नई दिल्ली, शनिवार, जुलाई 5, 1975 (अषाढ़ 14, 1897)

No. 27]

NEW DELHI, SATURDAY, JULY 5, 1975 (ASADHA 14, 1897)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।  
 Separate paging is given to this Part in order that it may be filed as a separate compilation.

146

### भाग III—खण्ड 2 PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE  
PATENTS AND DESIGNS  
Calcutta, the 5th July, 1975

#### APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under section 135 of the Act.

29th May, 1975

1080/Cal/75. G. D. Societa, Per Azioni, Device for folding a continuous web of wrapping material longitudinally into at least three parts superposed over one another.

1081/Cal/75. Allied Chemical Corporation. Gas jet plug assembly.

1082/Cal/75. Allied Chemical Corporation. Method and apparatus for introducing granular solids into an enclosure.

1083/Cal/75. Crinos Industria Farmacobiologica S.p.A. Process for preparing sulfoderivatives of glycopeptides extracted from milk or caseins.

1084/Cal/75. The University of I.F.E. Sickle cell anaemia treatment. (May 31, 1974).

1085/Cal/75. Cassella Farbwerke Mainkur Aktiengesellschaft. Melamine resin condensation products and their production.

30th May, 1975

1086/Cal/75. N. N. Saigal. Conversion of petrol engine into diesel engine.

1087/Cal/75. Shibendra Narayan Roy. Improvement of coke oven batteries by modifying the design of coke side buckstays.

1088/Cal/75. Aluminium Pechiney. A method of continuously determining the internal resistance of an electrolysis cell and to an apparatus for carrying out this method.

1089/Cal/75. Caterpillar Tractor Co. Weldment for bulldozer blades and method and apparatus therefor.

1090/Cal/75. A. Ehrenreich & Cie. A cup-shaped ball joint housing.

1091/Cal/75. A. Ehrenreich & Cie. Hemispherical shells for ball joints.

31st May, 1975

1092/Cal/75. Nestle's Products Limited. Processes for preparing a soluble tea product.

2nd June, 1975

1093/Cal/75. Nico-Pyrotechnik Hauns-Jurgen Diederichs KG. Impact detonator. (June 4, 1974).

1094/Cal/75. Nitro Nobel AB. A device for production of gelled explosive.

1095/Cal/75. Miles Laboratories, Inc. Test device and method for its preparation and use.

1096/Cal/75. Miles Laboratories, Inc. Method composition, and device for determining the specific gravity of a liquid.

1097/Cal/75. Emhart Corporation. Neck ring cartridge for glassware machine.

1098/Cal/75. Director, All India Institute of Medical Sciences. Antigonadotropin antibodies and methods of preparation and use.

1099/Cal/75. Licentia Patent Verwaltungs G.m.b.H. Arrangement with a hollow waveguide section. (April 18, 1975).

1100/Cal/75. G. Kabra. Valve mechanism.

3rd June, 1975

1101/Cal/75. Fives-Cail Babcock and Maxime Riviere. Extraction by diffusion of sugar from sugar cane bagasse.

1102/Cal/75. Krupp-Koppers Gesellschaft Mit Beschränkter Haftung. Apparatus for transferring a finely-divided solid material between chambers at different pressures.

1103/Cal/75. Amsted Industries Incorporated. Continuous method of and apparatus for making bars from powdered metal.

1104/Cal/75. Atlantic Richfield Company. Method for the production of isocyanates.

1105/Cal/75. Stanford Research Institute. 1,4-Cyclohexadiene-1-carboxaldehyde syn-oxime synthetic sweetening agents.

1106/Cal/75. Research Institute for Medicine and Chemistry Inc. Chemical process. (June 4, 1974).

1107/Cal/75. American Home Products Corporation. Process for the preparation of azaindole fused heterocyclic compounds. [Divisional date July 13, 1973].

1108/Cal/75. American Home Products Corporation. Process for the preparation of azaindole fused heterocyclic compounds. [Divisional date July 13, 1973].

1109/Cal/75. American Home Products Corporation. Process for the preparation of azaindole fused heterocyclic compounds. [Divisional date July 13, 1973].

1110/Cal/75. American Home Products Corporation. Process for the preparation of azaindole fused heterocyclic compounds. [Divisional date July 13, 1973].

4th June, 1975

1111/Cal/75. Sujit Kumar Biswas. Two outlet ports. Non-return valve with tail piece.

1112/Cal/75. M. V. Radha Krishnan. Electronic lock and key system.

1113/Cal/75. Girling Limited. Vehicle brake actuators. (June 13, 1974).

1114/Cal/75. Thomson-Brandt. A projectile having a lightened base. (August 5, 1974).

1115/Cal/75. W. Grosse-Benne. A jumping mine made of plastic.

1116/Cal/75. W. Grosse-Benne. A waterproof cutting charge.

1117/Cal/75. W. Grosse-Benne. A firing device with an interrupted firing mechanism for firing flare cartridges or similar objects.

1118/Cal/75. W. Grosse-Benne. A firing device with an interrupted firing mechanism for firing flare cartridges or similar objects.

## APPLICATION FOR PATENTS FILED AT THE (MADRAS BRANCH)

20th May, 1975

81/Mas/75. Bharat Heavy Electricals Limited. A method for the preparation of pulp from mica and other like cleavable materials.

## ALTERATION OF DATE

137365.

2265/72.

The claim to convention date 25th September, 1972 has been abandoned and the application as of 28th December, 1972, the date of filing in India.

## COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 36 of the Patents Rules, 1972.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 32F.C. I.C.-C12d 13/06, C07C 99/00. 117251.  
PROCESS FOR PRODUCING L-HOMOSERINE AND L-LYSINE

KYOWA HAKKO KOGYO CO., LTD. OF 4, OHTEMA-CHI-1-CHOME, CHIYODA-KU, TOKYO, JAPAN.

Application No. 117251 filed August 13, 1968.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims. No drawings

A process for producing L-homoserine and L-lysine which comprises culturing a hydrocarbon-assimilating microorganism as herein described which requires L-threonine for its growth under aerobic conditions in an aqueous nutrient medium containing at least one hydrocarbon such as herein described as the main source of carbon, accumulating L-homoserine and L-lysine in the resultant culture liquor, and recovering said L-homoserine and L-lysine therefrom.

CLASS 32F<sub>1</sub>+F<sub>2b</sub> & 55E, I.C.-C07D 53/04. 118812.  
NOVEL PROCESS FOR PRODUCING 1-AMINOALKYL-BENZODIAZEPINE DERIVATIVES

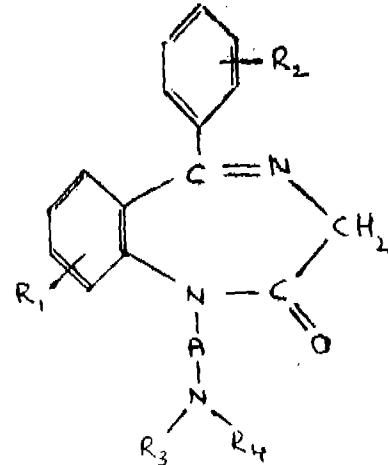
SUMITOMO CHEMICAL COMPANY, LTD., OF 15, KITAHAMA-5-CHOME, OSAKA, JAPAN.

Application No. 118812 filed November 30, 1968.

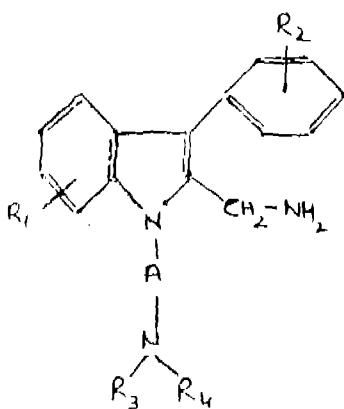
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1 Claim

A process for preparing 1-substituted benzodiazepine derivatives, and salts thereof, represented by the general formula I.



wherein A signifies a straight chain or branched alkylene group having 1-5 carbon atoms; R<sub>1</sub> signifies a hydrogen atom, a halogen atom, a nitro group, a lower alkyl group, a lower alkoxy group, or a halogenated alkyl group; R<sub>2</sub> signifies a hydrogen atom, a halogen atom, a nitro group, a lower alkyl group, a lower alkoxy group, or a halogenated alkyl group; R<sub>3</sub> signifies a hydrogen atom or a lower alkyl group; and R<sub>4</sub> signifies a lower alkyl group, provided that R<sub>3</sub> and R<sub>4</sub> may form an unsubstituted-or lower hydroxyalkyl-lower alkoxyalkyl-or lower alkenyloxyalkyl-substituted pyrrolidino group, an unsubstituted or lower hydroxyalkyl-, lower alkoxyalkyl- or lower alkenyloxyalkyl-substituted morpholino group, or an unsubstituted-or lower hydroxyalkyl-, lower alkoxyalkyl- or lower alkenyloxyalkyl-substituted piperidino group together with the adjacent nitrogen atom, the lower alkyl or alkoxy referred to before having upto 4 carbon atoms which process comprises contacting with an oxidizing agent as herein described a 1-substituted aminomethylindole derivative, or a salt thereof, represented by the general formula II.



where A, R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub> and R<sub>4</sub> are as defined above.

CLASS 32F,+F<sub>a</sub>+F<sub>b</sub>. I.C.-C07C 49/00, 49/30, 122760. 49/42 C07C 91/06, 91/04.

#### PROCESS FOR THE PRODUCTION OF COMPOUNDS HAVING $\beta$ -ADRENERGIC BLOCKING ACTIVITY

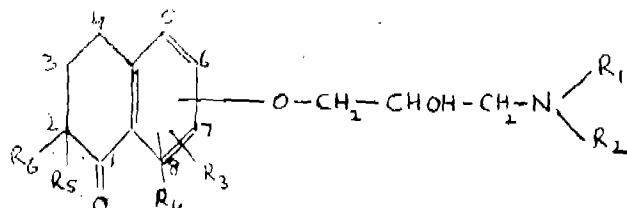
WARNER-LAMBERT COMPANY, FORMERLY KNOWN AS WARNER-LAMBERT PHARMACEUTICAL COMPANY, AT TABOR ROAD, MORRIS PLAINS, NEW JERSEY, UNITED STATES OF AMERICA.

Application No. 122760 filed August 14, 1969.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

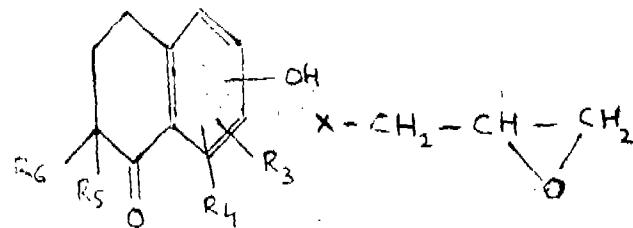
#### 3 Claims

A process for the production of a compound of formula I.



wherein R<sub>1</sub> is hydrogen or alkyl of not more than 6 carbon atoms; R<sub>2</sub> is alkyl of not more than 6 carbon atoms, cycloalkyl of not more than 7 carbon atoms, aralkyl or substituted aralkyl; R<sub>3</sub> and R<sub>4</sub> each stand for hydrogen, hydroxyl, OR<sub>7</sub>, wherein R<sub>7</sub> is alkyl of not more than six carbon atoms, lower alkenyl, aralkyl or substituted aralkyl; and R<sub>5</sub> and R<sub>6</sub> each stand for hydrogen, alkyl or aralkyl, and wherein the propanolamine side chain is substituted on the 5, 6 or 7 position of the aromatic ring, its pharmaceutically acceptable acid addition salts, its O-esters, its oxime, its semicarbazide, its thiosemicarbazide, its hydrazone, its substituted hydrazones, its oxazolidine and its

oxazolidinone derivatives, which comprises contacting a compound of the formula A.



with a compound of the formula B or C.



in which X is halogen followed by contacting the reaction products thus obtained with a compound of the formula NHR<sub>5</sub>R<sub>6</sub>, wherein R<sub>5</sub>, R<sub>6</sub>, R<sub>3</sub>, R<sub>4</sub>, R<sub>7</sub> and R<sub>8</sub> are as defined above.

CLASS 32F,+F<sub>a</sub>+F<sub>b</sub>. I.C. C07C 101/18. 123413.

#### PROCESS FOR THE PREPARATION OF NEW ESTERS OF TRANS-4-AMINOMETHYL CYCLOHEXANE-1-CARBOXYLIC ACID OR 4-AMINOMETHYL-BENZOIC ACID.

DAIICHI SEIYAKU CO., LTD., OF 1-2, 3-CHOME, NIHONBASHI-EDOBASHI, CHUO-KU, TOKYO, JAPAN.

Application No. 123413 filed October 3, 1969.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 4 Claims

A process for the preparation of a compound of the general formula.



wherein Q is trans-4-aminomethyl-cyclohexyl or 4-aminomethyl-phenyl and "Aryl" is a phenyl, pyridyl, N-oxide-pyridyl or naphyl group which may have one or more substituents selected from hydroxy, halogen, nitro, amino, carboxyl, formyl, sulfamoyl, carboxyalkylamino, C<sub>1</sub> to C<sub>6</sub> alkyl, C<sub>1</sub> to C<sub>6</sub> alkoxy, C<sub>1</sub> to C<sub>6</sub> alkenyl, phenyl, carboxyalkoxy, carboxy-alkenyl, carboxyalkylcarbonyl, hydroxyalkyl, alkoxy carbonyl and carboxyalkyl the alkyl portion of which may be substituted with amino, hydroxy or halogen, and the pharmaceutically acceptable salts thereof, which comprises reacting an acid halogenide of the general formula.



wherein Q' is the same as Q or that the terminal amino group of which is blocked with a protective group known per se such as herein described, and X is halogen, with an aryl alcohol.



wherein (Aryl)' is the same as "Aryl" or that in which any amino and/or carboxyl group is present are protected with benzyloxycarbonyl and/or benzyl group, respectively, and further removing the protective groups in a known manner such as herein described, if present, and if desired, converting the products to the pharmaceutically acceptable salts thereof in known manner such as herein described.

CLASS 32F,b & 55E,+E. I.C. :—C07d 49/04. 126968.

#### PROCESS FOR THE PREPARATION OF 1, 2-DIPHENYL-3, 5-DIOXO-4-SUBSTITUTED PYRAZOLIDINES.

ISTITUTO DE ANGELI S.P.A. OF VIA SERIO 15, MILAN, ITALY.

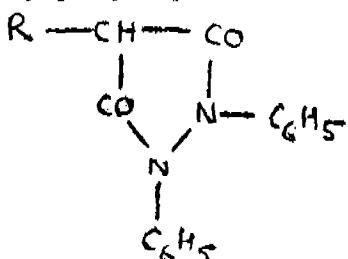
Application No. 126968 filed June 6, 1970.

Convention date June 27, 1969 (32698/69) U.K.

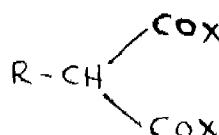
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 8 Claims

A process for preparing compounds of formula I.



(where R represents a 3-methyl-2-but enyl or 4-methyl-3-pentenyl group, which comprises reacting hydrazobenzene or a reactive derivative thereof, with a reactive derivative of malonic acid of formula II.



(where R is as defined above and the groups X are halogen atoms and lower alkoxy groups), in the presence of a known cyclizing agent, under substantially anhydrous conditions, whereby a compound of formula I is formed.

CLASS 55F. I.C.-A01n 13/00. 137360.

EVAPORATION INHIBITING ADDITIVE FOR CONCENTRATED DISPERSIONS OF PLANT PROTECTION PRODUCTS

HOECHST AKTIENGESELLSCHAFT, OF 45, BRUNING-STRASSE, FRANKFURT/MAIN, FEDERAL REPUBLIC OF GERMANY.

Application No. 846/72 filed July 12, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 7 Claims. No drawings

Evaporation inhibiting additive for concentrated dispersions of plant protection products which contains from 20 to 60% by weight of an aliphatic mineral oil having a maximum content of 15% by weight of aromatic substances (industrial grade),

- „ 1 to 5% „ „ a defoamer,
- „ 0 to 5% „ „ an adhesive,
- „ 0,5 to 5% „ „ a nonionic emulsifier (H. L.B 10-12
- „ 0,5 to 2,5% „ „ sodium salt of oleylmethyltauride,
- „ 0 to 30% „ „ a pigment,
- „ 0 to 40% „ „ polyalcohol, and water for completion to 100% by weight, at least 10% by weight.

CLASS 24B. I.C.-F16d 69/00. 137361.

MANUFACTURE OF FRICTION ELEMENTS FOR VEHICLE BRAKE LININGS AND THE LIKE.

ABEX CORPORATION, OF 530 FIFTH AVENUE, NEW YORK, NEW YORK, UNITED STATES OF AMERICA.

Application No. 89/Cal/73 filed January 11, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 5 Claims

A method of producing a vehicle friction element for brake linings and the like from a mixture composed of fillers including at least about five percent by weight of asbestos fibres and a thermosetting resin and comprising: affording a molding

cavity bounded by a die member and a plunger member which when mated conform generally to the geometry of the friction element, incorporating in at least one of the members a plurality of narrow air passages leading from the molding cavity to the ambient atmosphere, said passages being of predetermined large cross-section; covering said passages at the ends thereof which open into the molding cavity with laminar perforate screen means having openings of predetermined smaller cross-section compared to the cross-section of said air passages; adding to the cavity of the die member a selected amount of said mixture and thereafter applying the plunger to compress the mixture to final density at a pressure of 20 to 25 tons per sq. inch, said passages allowing egress for air trapped in the mixture as the mixture is compressed by the plunger and said sages, and withdrawing the densified body from the mold cavity and subjecting it to thermal cure to harden the binder.

CLASS 83A,+B,+4. I.C.-A22C 17/00.

137362.

PROCESS FOR THE PRODUCTION OF CORNED BEEF.

BROOKE BOND LIEBIG LIMITED, OF 35 CANNON STREET, LONDON, E.C.4, ENGLAND.

Application No. 1730/Cal/73 filed July 25, 1973.

Convention date July 27, 1972/(35268/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 2 Claims

A process for the production of corned beef which comprises cooking the beef and draining meat extract in a conventional manner and subsequently intimately mixing the cooked meat with an aqueous solution of a non-toxic polyphosphate having an alkaline buffering action.

CLASS 119D. I.C.-D03d 39/22.

137363.

AN APPARATUS FOR WEAVING TERRY FABRIC IN A LOOM

ROCKWELL INTERNATIONAL CORPORATION, OF 600 GRANT STREET, PITTSBURGH, PENNSYLVANIA, UNITED STATES OF AMERICA.

Application No. 1251/Cal/73 filed May 29, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 6 Claims

An apparatus for weaving terry fabric in a loom of the type having a reciprocating lay beam and a reed for movement of a pick of weft toward the fell during each reciprocating stroke of said lay beam which comprises:

(a) means for reciprocating said lay beam and reed through substantially straight line motion between upper and lower positions;

(b) means for varying the length of the reciprocal stroke of said lay beam and reed to effect only partial beat-up of certain picks of weft, and full beat-up of other; and

(c) control means for selectively actuating said length varying means as desired.

CLASS 32E & 140B. I.C.-C10m, 3/09, 1/14.

137364.

PROCESS FOR PREPARATION OF AN OIL-SOLUBLE COMPOSITION

THE LUBRIZOL CORPORATION, P.O. BOX 3057 EUC-LID STATION, CLEVELAND, OHIO 44117, U.S.A.

Application No. 1571/72 filed October 4, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 10 Claims. No drawings

A process for preparing a lubricant composition comprising a lubricating oil and an oil-soluble viscosity modifier which causes substantially no increase in the fluidity of a fuel oil at -20°C when dissolved therein in the amount of 0.02% by

weight, which process comprises oxidizing and degrading an ethylene-propylene interpolymer having a molecular weight of at least about 1000 by contacting the same with an oxygen-containing gas, in the presence of at least one aliphatic amine, at a temperature of at least about 100°C for a period of time sufficient to effect a substantial reduction in molecular weight of said interpolymer, followed by dissolving said interpolymer as the viscosity modifier in a lubricating oil.

CLASS 136E. I.C.-B29C 1/14, B29d 23/08, 137365.  
B29f 1/022, 1/14.

#### INJECTION MOULDING METHOD AND APPARATUS

BERNHARDT KESSEL, OF INGOLSTADTER STRASSE 20, 8073 KOSCHING, WEST GERMANY.

Application No. 2265/72 filed December 28, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 20 Claims

A die for forming in an injection moulding process an outwardly directed groove in the bore of a plastic tube comprising a plurality of alternate first and second former segments which are mounted for radial movement with respect to the axis of the die between an inner retracted position and an outer working position in which said segments together form a shaping ring whose rim defines the inner periphery of said outwardly directed groove, each segment having flanks each of which inter-engages slidably with a corresponding flank of an adjacent segment, the flanks of each said first segment including a larger angle than the flanks of each said second segment and said first segments each having a longer arcuate rim portion than that of each said second segment, guide means for guiding said segments during radial movement thereof, and actuating means adapted to bear on said second segment to move said segments radially between their inner and outer positions.

CLASS 70C. I.C.-C23b 5/26. 137366.

#### IMPROVEMENTS IN OR RELATING TO THE ELECTRO-DEPOSITION OF HIGH SPEED BRIGHT HARD SILVER

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Application No. 271/72 filed May 23, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 7 Claims. No drawings

A process for the electrodeposition of bright hard silver deposits on articles by silver plating from a silver cyanide bath containing turkey red oil and potassium antimonyl tartrate characterised in that an antimony reaction product prepared by reacting antimony trichloride, carbon disulphide, diethylamine in presence of petroleum ether the compounds being mixed at 0°C, then stirred for two hours at room temperature and then refluxed for two hours in a water bath with carbon disulphide and diethylamine is added to the bath whereby brightness and hardness is imparted to the deposit further characterised in that a bath of the following ingredients is prepared : silver cyanide : 50-80 g/l, potassium cyanide : 50-90 g/l, potassium carbonate : 5-30 g/l, antimony reaction product : 0.1-5 g/l turkey red oil : 0.1-3 ml/l, potassium antimonyl tartrate : 1-5 g/l.

CLASS 151F. I.C.-E03f 3/00, B29d, 23/12. 137367.

#### LARGE BORE PIPE MADE FROM THERMOPLASTIC SYNTHETIC MATERIAL PARTICULARLY FOR USE UNDERGROUND, AND PROCESS AND APPARATUS FOR MANUFACTURING SUCH A PIPE

ARISTOVoulos GEORGE PETZETAKIS, MOSCHATON/PIRAEUS, THESSALONIKI & CHANDRI STR. GREECE.

Application No. 1330/Cal/73 filed June 6, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 27 Claims

A large bore pipe of thermoplastic synthetic material comprising a hollow section of synthetic material wound into a spiral shape, in which the windings touch each other at side surfaces of the hollow section and are welded to each other by means of a butt weld, whilst free walls of the hollow section make up inner and outer walls, and the hollow section having a substantially rectangular outside cross-section but a substantially circular inside cross-section, the free walls of the hollow section being elastically deformed or capable of creep, so that in use, damage to the butt weld by deformation stresses is avoided.

CLASS 197. I.C.-A47b 1/00, 1/08. 137368.

#### A DEVICE FOR USE IN CLEANING VERTICAL OR SLOPING SURFACES

AUGUST BENZ, OF 70 ALGIERSTRASSE, ZUFIKON (KT. AARGAU), SWITZERLAND.

Application No. 298/Cal/73 filed February 12, 1973.

Convention date September 4, 1972/(40874/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 8 Claims

A device for use in cleaning vertical or sloping surface, in particular high windows and building facades, having a supply of rinsing agent and a cleaning body fastened on an adjustable arm of an operating rod, said arm being connected at one end to the operating rod with a joint forming a friction fit, whilst the other end carries the cleaning body on a preferably rectangular extension together with at least one rinsing agent pipe co-extensive over its full width and having a number of small holes opening to the front along its entire length, said rinsing pipe being angularly rotatable about the longitudinal axis of said arm, in opposition to spring action.

CLASS 119F. I.C.-D03d, 49/48. 137369.

#### A SHUTTLE—POSITIONING DEVICE FOR A LOOM FOR CORRECTION THE POSITIONING OF A SHUTTLE

LEBOCEY INDUSTRIE, OF 3, RUE DE CHAILLOUET, TROYES, AUBE, FRANCE.

Application No. 1671/72 filed October 19, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 6 Claims

A shuttle-positioning device for a loom for correcting the positioning of a shuttle within a shuttle casing at the moment said shuttle arrives in said shuttle casing comprising a pivotal plate actuated by a batten and a sensing finger mounted on said pivotal plate and movable relative thereto, said sensing finger acting on the end of said shuttle to hold said shuttle against a batten of the loom within said shuttle casing after said shuttle arrives within said shuttle casing.

CLASS 33A & 57D. I.C.-E06b 3/46. 137370.

#### SLIDING GATE CLOSURE CONSTRUCTION FOR BOTTOM-POUR VESSELS

USS ENGINEERS AND CONSULTANTS, INC., AT 600 GRANT STREET, PITTSBURGH, STATE OF PENNSYLVANIA, UNITED STATES OF AMERICA.

Application No. 827/Cal/73 filed April, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 5 Claims

A slideable gate closure construction for a bottom-pour vessel, which construction includes a top plate secured to the vessel's bottom and a slideable gate urged into slideable engagement with the top plate by means secured to the vessel bottom and engaging opposite longitudinal edges of the gate which upon

linear longitudinal control movement, either closes a bottom-pour opening of the vessel or permits discharge therefrom by alignment of orifices in the gate and top plate, characterized in that the gate has an upper face which is convex in a plane transverse to the direction of control movement of the gate and the top plate has a co-acting concave lower face.

CLASS 129C+F+G. I.C. B26b, 29/00. 137371.

#### PROTECTIVE CASING FOR ROUND CUTTERS

NAVIN JAIN, 18/5B DOVER LANE, CALCUTTA-29, INDIA.

Application No. 560/Cal/73 filed March 13, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 6 Claims

A protective casing for housing round cutters such as milling cutters, drills, taps and reamers, comprising an elongate hollow tubular member which may be closed at one end, and made of plastic, rubber or like soft material, a plurality of projecting members provided on the inner and/or outer surface of said tubular member, the size of the said tubular member with the projecting members inside or outside being such that when the cutter is housed within the same, it is firmly held in that position and in the event of any shock on the casing the same is absorbed by the said projecting members provided at the inside or outside as the case may be.

CLASS 205B. I.C.-B60C25/10, 25/12. 137372.

#### TYRE BUILDING MACHINE FEEDER

NAUCHNO-ISSLEDOVATEISKY KONSTRUKTORSKO-TEKHNOLOGICHESKY INSTITUT SHINNOI PROMYSHLENOSTI, OF OMSK, 5, KORKNAYA, U.S.S.R.

Application No. 783/Cal/73, filed April 4, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 3 Claims

A tyre building machine feeder comprising a bed mounted on which by means of a tourelle are two drum-type conveyors each of which has several pairs of bobbins wherein a separating strip wound on one of the bobbins is fed between the layers of a tyre material while the latter is being wound on the other bobbin, in which type building machine feeder tilting guide chutes are mounted on the side plates of said conveyors, one chute at each pair of the bobbins, and an arrangement for opening and closing said guide chutes is provided on the feeder bed in the vicinity of one of the conveyors, said arrangement operating each guide chute involved when it has been brought by the conveyor to the tyre building machine.

CLASS 120B. I.C.-F16n 9/02. 137373.

#### BEARING LUBRICATING ASSEMBLY

CONTINENTAL OIL COMPANY, P.O. BOX 1267, PONCA CITY, OKLAHOMA 74601, UNITED STATES OF AMERICA.

Application No. 892/Cal/73 filed April 16, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 10 Claims

A lubricating assembly for supplying oil to the bearing surfaces between a stationary element and a rotary element, comprising a solid support surface on the rotary element which faces the axis of rotation and is spaced a radial distance from it less than or equal to the radial distance of said bearing surfaces from the axis of rotation, a lubricating oil reservoir consisting of a self-supporting lubricating grease mass carried on the support surface subject to the centrifugal force of the mass against the support surface for releasing oil therefrom at the base of the mass onto the support surface, and an oil flow path from said support surface to said bearing surface for conducting the released oil propelled by centrifugal force to the bearing surface.

CLASS 119D. I.C.-D03d 47/26.

137374.

WEFT THREAD CLAMP FOR TRAVELLING/WAVE LOOMS

VYZKUMNY USTAV BAVLNARSKY, OF USTI NAD CZECHOSLOVAKIA.

Application No. 1338/Cal/73 filed June 7, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 3 Claims

A weft thread clamp for travelling-wave shedding looms wherein weft thread is inserted into a warp shed by means of weft inserters advancing toward the shed from spooling heads and having within a spooling station a common path with the latter, the clamp comprising a body with a groove adapted to receive for reciprocation a slider carrying a rotatable follower to be engaged by a cam groove provided in a bridge stationary on the machine frame for displacing the slider between two dead centres, and further comprising means for attaching the weft thread clamp to the spooling head, characterised in that the end portion of the slider (4) protruding from the body (2) forms between two lateral walls (9) a guideway (8) receiving for reciprocation a first clamping jaw (10) of said weft thread clamp (1), resiliently forced into said guideway (8), a second clamping jaw being formed as a hook (11) at the extremity of the slider (4), said jaws being released and ready for seizing the weft thread (15) in one of said dead centres of the path section within which the weft inserter (18) is leaving the spooling head (17) on its way to the shed while in the second dead centre the jaws (10, 11) are gripped by retracting the hook (11) under said first clamping jaw (10) for retaining the seized weft thread (15) till the next start of the process of spooling the weft thread (15) on to the weft inserter (18).

CLASS 71B+G & 101B. I.C.-E02d.

137375.

A TECHNIQUE OF CONSTRUCTING THIN IMPERMEABLE DIAPHRAGM WALLS.

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Application No. 2256/72 filed December 28, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 5 Claims

A process for constructing thin, impermeable and durable cut-off walls for controlling the movement of underground soil and water where a narrow trench is made by making a series of overlapping bore holes in a line by jetting bentonite or other clay slurry through a jetting pipe having a cutting socket at the tip and using a slurry pump of suitable capacity and wherein the vertical and horizontal motion of the jetting pipe is controlled with the help of a simple rig having wheels at the bottom to slide on rails placed on the ground surface and which has a simple winch and pulley arrangement for lifting or lowering the pipe and wherein the cut-off wall is made by inserting in the trench impermeable sheet panels which are made by joining individual metal or plastic sheets of suitable thickness and where the insertion is achieved simply and the gap if any between two overlapping impermeable sheet panels inserted in the trench is closed by inserting or force fitting a rigid strip of suitable dimensions in the trench just opposite to the overlapping joint and wherein the rigid strip runs upto the full depth of the trench and in the remaining portion a cement clay grout (concrete) is mixed and subsequently filled in the trench with the help of a funnel and a tremie pipe or a grouting equipment so as to seal the joints of the panels and to fill the space left in the trench, displacing the bentonite slurry.

CLASS 50C. I.C.-F25C 7/08.

137376.

CONTINUOUS ICE CREAM MACHINE AND METHOD FOR PREPARING AND FEEDING A LIQUID ICE CREAM MIX.

APAW S.A. OF 74 CHEMIN RITTER, Fribourg, SWITZERLAND.

Application No. 1559/Cal/73 filed July 4, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 9 Claims

A continuous ice cream machine of the type comprising a freezing cylinder, a shaft rotatably mounted in said cylinder having inclined, paddles for mixing the contents of the cylinder, towards one end of the said freezing cylinder, selectively operable outlet means on said one end for dispensing the contents of the cylinder, said machine further comprising:

(a) a wet mixing chamber for the ice cream mix communicating through a port with said freezing cylinder and communicating with ambient air.

(b) a container for an incoherent dry product to be mixed with a liquid in order to form the liquid ice cream mix with conveyor means to feed the powder into the said mixing chamber.

(c) level sensor means actuating valve means for feeding said dry product from said container into said mixing chamber;

(d) further sensing means to actuate feeding means connectable to a suitable source of liquid for feeding said liquid into said mixing chamber;

(e) an agitator provided in said mixing chamber for mixing the dry product and the liquid fed therewith.

CLASS 108C<sub>1</sub>+C<sub>2</sub>+C<sub>3</sub>+C<sub>4</sub>.  
I.C.-C21C 5/04, 5/28, 5/52.

137377.

## METHOD AND APPARATUS FOR THE REFINING OF STEEL

USS ENGINEERS AND CONSULTANTS, INC. OF 600 GRANT STREET, PITTSBURGH, PENNSYLVANIA, UNITED STATES OF AMERICA.

Application No. 2065/72 filed December 5, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 34 Claims

## Apparatus for making steel comprising:

(a) a refractory lined furnace for receiving ferrous metal in liquid and solid form and for containing a bath of molten ferrous metal, said vessel having an opening above its bath line, and a zone of maximum CO evolution above its bath line;

(b) a tuyere beneath the surface of said bath of molten metal, said tuyere comprising two concentric pipes forming a central passage and an annular passage;

(c) an oxygen lance projecting through the sidewall of said furnace;

(d) an oxygen supply connected to said oxygen lance and to said central passage of said tuyere, and a source of jacketing gas connected to the annular passage of said tuyere; and

(e) said oxygen lance projecting through said sidewall into said zone of maximum CO evolution at an angle between about 20° above and about 20° below the horizontal and being delivered in a plane substantially parallel to that of the top of the bath of said ferrous metal, thereby:

(1) increasing the steel scrap consumption of said furnace without increasing heat time;

(2) fluidizing the slag on said bath of ferrous metal to release metallic iron from the slag;

(3) decarburizing the molten ferrous metal bath and increasing the scrap melting rate; and

(4) simultaneously decarburizing said molten metal bath by said tuyere and said lance; and

(5) balancing the oxygen injected through said lance with the oxygen injected through said tuyere.

CLASS 32C & 55E<sub>1</sub>-E<sub>4</sub>, I.C.-C12d 9/02.

137378.

## PROCESS FOR THE PREPARATION OF NOVEL ANTIBIOTICS

SCHERICO LTD, OF TOPFERSTRASSE 5, LUCERNE, SWITZERLAND.

Application No. 1191/72 filed August 17, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 33 Claims

Process for the preparation of an antibiotically active substance containing a novel antibiotic G-418 such as herein defined and of the derivatives thereof, which comprises cultivating a microorganism of the species *Micromonospora rhodorangea* or of the species *Micromonospora grisea* in an aqueous nutrient medium under aerobic conditions until substantial antibiotic activity is imparted to the medium.

## PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undenoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

(1)

122789 122994 123015 123022 123262 123335 123342 123371  
123440 123462 123489 123520 123521 123988 126875 128628

(2)

124584 124793 124853 124871 124881 124899 124903 124931  
125035 125053 125197 125242 125373 125497 125621 126018  
126152 126153 126154 126196 126227 126235 126446 126516  
126571 126673 126759 127061 127084 127096 127487 127684  
127848 128051 128741 128914 131966.

(3)

97212 108310 117876 119368 125136 130834 131343 131542  
131921 132184 132408 133047 133118 133145 133199 133256  
133257 133437 133526 133741 133742 133877 134502 135156  
135314 135416 135420 135421 135422 135423 135424 135427

(4)

121118 121512 121827 121949 121965 122050 122401 122562  
123341 123482 123909 124046 124484 125909 125910

(5)

125666 125686 125694 125704 125767 125789 125794 125808  
125842 126015 126124 126424 127067 127107 127123 127582  
128059 128891 128980 129385 130933

## PATENTS SEALED

84246 91601 92480 92573 106478 111708 113305 113719  
125030 126287 127532 128553 132668 132701 133074 134713  
136051 136088 136113 136114 136138 136142 136147 136148  
136151 136152 136158 136162 136231 136405

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**REGISTRATION OF ASSIGNMENTS, LICENCES, ETC.  
(PATENTS)**


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Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

72243	M/s. Monsanto Limited.
89936	
95748	
99746	
100610	
102194	
105673	
108261	
108823	
114209	
117694	
121017	
125812	

**PATENTS DEEMED TO BE ENDORSED WITH  
THE WORDS "LICENCES OF RIGHT"**

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No.	Title of the invention	RENEWAL FEES PAID
124376 (9-12-69)	Process of producing alcohols.	72030 72076 72135 72219 72220 72609 72745 77126 77429
124487 (18-12-69)	A process for production of high molecular terpenes from terpenic hydrocarbons.	77430 77539 77540 77612 77676 77677 77678 77891 78455
124675 (2-1-70)	Reaction products of dialkyltin oxides and higher dialkyltin monohydric aliphatic saturated alcohol esters of thiomalic and thiolactic acids, process for preparing the same and polyvinyl chloride resin composition containing such reaction products.	79433 79514 79516 79517 79518 79536 79893 82123 82792
124676 (2-1-70)	Reaction products of dioctyltin oxide and dioctyltin monohydric alliphatic saturated alcohol thioglycolate esters, process for preparing and polyvinyl chloride resin compositions containing such reaction products.	82826 82834 82861 82889 83362 83448 83541 83580 83695
124771 (9-1-70)	Process for the polymerization of olefines, and catalysts therefor.	83814 83877 85102 85165 88251 88292 88375 88612 88805
124823 (13-1-70)	Process for the production of concentrated solutions of cationic dyes.	89198 89566 89813 90352 90671 91366 93967 94134 94268
124843 (23-1-69)	Process for the manufacture of 1,1,1-trichloroethane, vinyl chloride and vinylidene chloride.	94350 94517 94524 94757 95374 95608 95744 95745 95769
124849 (14-1-70)	Water-soluble disazo dyestuffs, their metal complex compounds process for their manufacture, dyeing or printing textile materials therewith and materials so dyed or printed.	96032 96572 96582 100086 100164 100224 100288 100293
124923 (19-1-70)	Process of directly reducing iron oxide-containing materials in a rotary kiln.	100347 100364 100455 100469 100526 100665 100788 100844
124940 (20-1-70)	Process for the manufacture of alkyl esters of carboxylic acids.	100848 100857 100988 101057 101301 101508 101585 102417
124996 (30-1-69)	Continuous process for the preparation of maleic anhydride from an aqueous solution of maleic acid.	102418 104200 104333 105611 105663 105748 105827 105972
		106008 106317 106417 106656 106842 107299 108014 108038
		108312 109493 109494 109495 109987 110488 110924 111005
		111024 111026 111130 111131 111134 111150 111168 111171
		111193 111198 111206 111252 111307 111333 111481 111516
		1111624 111742 111872 111921 111976 112166 112371 112523
		112525 112995 113264 116022 116156 116261 116308 116346
		116386 116427 116516 116553 116657 116890 116938 117339
		117445 117835 117869 117956 118111 119458 119776 121597
		121702 121742 121743 121771 121775 121779 121848 122039
		122041 122106 122112 122203 122228 12263 122357 122369
		122439 122485 122623 122704 122991 123009 123076 123110
		123259 123301 123327 124159 124232 125064 125242 126257
		126892 126895 126946 126951 126973 127207 127299 327393
		127581 127623 127675 127730 127772 127783 127824 128090
		128193 128286 128337 128432 128922 129615 129700 129731
		129800 130774 131265 131415 131567 131588 131800 131831
		131906 132099 132117 132130 132135 132159 132175 132233
		132234 132267 132268 132295 132311 132486 132576 132764
		132830 133191 133273 133213 133481 133527 133595 133671
		133821 133897 134053 134060 134077 134486 134718 135036
		135124 135338 135402 135409 135411 135436 135476 135640
		135659 135670 135675 135765 135889 135901 135927 135928
		135929 135947 135971 135977 136011 136023 136027 136028
		136029 136033 136034 136038 136044 136045 136046 136048
		136052 136057 136061

**CESSATION OF PATENTS**

133430	133431	133436	133461	133465	133492	133519	133532
133547	133563	133587	133590	133610	133629	133642	133772
133845	133850	133877	133880	133927	133936	133979	134050
134089	134166	134185	134223	134251	134267	134274	134275
134276	135611	135800					

## RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 118909 granted to Gunter Holl for an invention relating to "an attachment for use in grinding plane and curved surfaces of a rough ground lathe cutting tool". The patent ceased on the 6th December, 1974 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 31st May, 1975.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 5th September 1975 under Rule 69 of the Patents Rules 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application for restoration of Patent No. 133567 dated the 10th April, 1972 made by Srinivasan Mani on the 31st December 1974 and notified in the Gazette of India, Part-III, Section 2 dated the 15th February 1975 has been allowed and the said patent restored.

(3)

Notice is hereby given that an application for restoration of Patent No. 133568 dated the 10th November, 1971 made by Srinivasan Mani on the 2nd January, 1975 and notified in the Gazette of India, Part-III, Section 2 dated the 8th March, 1975 has been allowed and the said patent restored.

## REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

Class 1. No. 142565. Chawla Metal Works, an Indian partnership concern, Rajgarh Colony, Gali No. 2, H. No. 331-A/12, Gandhi Nagar, Delhi-110031, India, "Shower fitting". December 30, 1974.

Class 1. Nos. 142566, 142567, 142570 & 142574. Chawla Metal Works, an Indian partnership concern, Rajgarh Colony, Gali No-2, H. No. 331-A/12, Gandhi Nagar, Delhi-110031, India. "Cock" December 30, 1974.

Class 1. Nos. 142568, 142569, 142571, 142572 & 142573. Chawla Metal Works, an Indian partnership concern, Rajgarh Colony, Gali No-2, II. No. 331-A/

12, Gandhi Nagar, Delhi-110031, Indian. "Stop Cock". December 30, 1974.

Class 1. No. 142687. Shri Manindra Chandra Mukherji, 9/15, Moore Avenue, Calcutta-40, an Indian National. "Ovens". February 3, 1975.

Class 1. No. 142692. Kalsi Metal Works (Regd.) G. T. Road, (Adda Bastian) Jullundur City, State of Punjab, an Indian partnership firm. "Cylinder block for hand pumps". February 5, 1975.

Class 1. No. 142693. Imperial Traders (India), 1688 Pahari Bhojla, Sayyedan Lane, Jama Masjid, Delhi-6, (an Indian partnership firm). "Fog Lamp". February 5, 1975.

Class 1. No. 142743. Philips India Limited, of Shivasagar Estate, Block "A", Dr. Annie Besant Road, Worli, Bombay 18(WB), Maharashtra State, India, an Indian Company. "A ceiling mounting." February 20, 1975.

Class 3. Nos. 142455 & 142556. Kipril Products & packagings private Limited. A company registered under the companies Act, 1956 having its registered office at Lilani Estate, J.B. Nagar, Off Andheri-Gurla Road, Andheri East, Bombay-400059, Maharashtra, "Tooth brush containers". November 23, 1974.

Class 3. Nos. 142690 & 142691. Unique Enterprises, 501, Janmabhoomi Chambers, Walchand Hirachand Marg, Fort, Bombay-400001, Maharashtra State, India, an Indian partnership firm. "Pen-stand". February 5, 1975.

Class 3. No. 142741. Philips India Limited, of Shivasagar Estate, Block "A", Dr. Annie Besant Road, Worli, Bombay 18 (WB) Maharashtra State, India, an Indian company. "A recessed mounting". February 19, 1975.

Class 3. No. 142744. Philips India Limited, of Shivasagar Estate, Block "A", Dr. Annie Besant Road, Worli, Bombay 18 (WB), Maharashtra State, India, an Indian Company. "A ceiling mounting". February 20, 1975.

Class 3. No. 142746. Philips India Limited, of Shivasagar Estate, Block "A", Dr. Annie Besant Road, Worli, Bombay 18 (WB), Maharashtra State, India, an Indian Company. "A circular Prismalens". February 21, 1975.

Class 4. No. 142688. Shri Manindra Chandra Mukherji, 9/15, Moore Avenue, Calcutta-40, an Indian National. "Ovens". February 3, 1795.

Class 4. No. 142742. Philips India Limited, of Shivasagar Estate, Block "A", Dr. Annie Besant Road, Worli, Bombay 18 (WB), Maharashtra State, India, an Indian company. 'A recessed Mounting'. February, 19, 1975.

Class 4. No. 142745. Philips India Limited, of Shivasagar Estate, Block "A", Dr. Annie Besant Road, Worli, Bombay 18 (WB), Maharashtra State, India, an Indian Company. "A ceiling mounting". February 20, 1975.

Class 4. No. 142747. Philips India Limited, of Shivasagar Estate, Block "A", Dr. Annie Besant Road, Worli,

Bombay 18 (WB), Maharashtra State, India, an Indian Company. "A circular Prismalens". February 21, 1975.

S. VEDARAMAN,  
Controller-General of Patents, Designs  
and Trade Marks.